U.S. DEPARTMENT OF ENERGY

	FIELD TASK I	PROPOSAL/AGREEMENT	
אב אטא אוט <i>א</i>	2. TASK 3. REV. 4. F	PROJECT NO. 3. DATE PREPARED 6. CONTR (mm dd yy) 0E-ACO	actor number 8-76NV00020/0001068
7. TASA TILE Research Vessel O	peration	B. WORK PACKAGE TITLE Human Health Effects	
9. BUDGET AND REPORTING	CODE 10. TASK TERM B+xin: End:	11. CONTRACTOR NAME	12, CODE (see leathictloss)
HA 02-01-01(b)	(mm dd yy) (mm	Holmes & Narver,	Inc., PTD
13. CUNTRACTOR TASK MAN	Continuing (Name, FTS No.)	14. PRINCIPAL INVESTIGATORS	
W. J. Stanley, Di FTS No. 556-02 Ask for (808) 422		N/A	
	structions) Name of facility,	, City, State, ZIP Code	16. Does this task include
Marshall Islands			any management services efforts? YES NO
17. TASK DESCRIPTION (App	roach, relation to work packa	age, in 200 words or less)	
;			
•			
	See	attached sheets	•
,			
	••		
	BEST COPY AVAILABLE		
	•	•	. ,
•			
	•		•
	•		
And the state of t	, ,		-
11. EDYTRACTOR TASK MANA	(1) /m		3,530
19 CETAIL ATTACHMENTS (S	(Signatura)		(Dote)
De. Posity Regularments	d, Background	□ g Future accomplishments	□j. Explanation of
Db Publications	e. Approach	h. Relationships to other projects	milistones
□c. Furpess	[] I. Technical progress	☐ i. Environmental auszament	□ k. Other (spealy)
	501072	ረ ኃ	

FY 1982 BUDGET U.S. DEPARTMENT OF ENERGY PACIFIC AREA SUPPORT OFFICE

Holmes & Narver Inc.

Pacific Test Division

Contractor

FIELD TASK PROPOSAL/AGREEMENT
PROGRAM HA
(M Dollars)

Date:

March 3, 1980 Program HA

HA-02-01-01 Human Health Effects from Energy Generation

b. Research Vessel Operation \$ 650.0 \$ 700.0 \$ 770.0

DOE, through Holmes & Narver, Inc., charters a 118-foot motor research vessel named the R. V. Liktanur II and home-ported at Kwajalein Atoll.

The ship is essential to the DOE Bio-Med Environmental R&D programs, inasmuch as it constitutes the only reliable source of transportation available to the medical and scientific laboratories which conduct the programs on various Pacific Atolls.

Major segments of the budget estimates are tabulated below:

	FY 1980	FY 19 <u>81</u>	FY 1982
Ship Rental Costs	\$ 550.0	\$ 590.0	\$ 650.0
POL	15.0	16.0	18.0
S&Q & Misc. Operating	32.0	35.0	38.0
Ship Modifications	5.0	5.0	8.0
DOE Equipment Maintenance	38.0	42.0	46.0
Misc. Non-Operating Costs	27.0	30.0	33.0
Revenue	(17.0)	(18.0)	(23.0)
	\$ 650.0	\$ 700.0	\$ 770.0

FY 1982 BUDGET U.S. DEPARTMENT OF ENERGY PACIFIC AREA SUPPORT OFFICE

Holmes & Narver Inc. Pacific Test Division Contractor

FIELD TASK PROPOSAL/AGREEMENT
PROGRAM HA
(M Dollars)

Date: March 3, 1980
Program NA

Ship Rental Costs are those which are paid to charter the R. V. Liktanur II. Charter costs include ship rental, crew, maintenance and repair and all other operating expenses except fuel, food and berthing at Kwajalein.

<u>POL</u> - fuel is consumed only at sea. All estimates assume the same rate of consumption and full operating time of the vessel. Estimates allow for a moderate price increase each year.

SSQ - At sea, the ship must provide food and water for all hands, as opposed to none while the ship is at Kwajalein. Estimates are based on a full usage of contracted operating days plus increases of about seven per cent in FYs 1980 and 1981.

Ship Modifications - Estimates provide for minor modifications to accommodate new situations.

DOE Equipment Maintenance includes the cost of installation and maintenance of all DOE trailers and other equipment used aboard ship and also DOE vehicles and small boats assigned to the operation.

Miscellaneous Non-Operating Costs - include program coordination travel expenses, procurement and cargo.

S&Q Revenue credit represent the reimbursement of meal costs by the scientific teams that utilize the chartered vessel.